ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|
| i                         |          |        |          |  |  |  |  |
| FEE DETERMINATION         |          |        |          |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 48     | 10/11/01 |  |  |  |  |
| FORMALITY REVIEW          | 81       | 926    | 18/24/0  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 42       | 61     | 03-05-5  |  |  |  |  |
| RESPONSE I CHARLETT ILLET | . 1 13   | 1      | i        |  |  |  |  |

## INDEX OF CLAIMS

| Rejected                     | N Non-elected |
|------------------------------|---------------|
| =Allowed                     | IInterference |
| - (Through numeral) Canceled | AAppeal       |
| - Restricted                 | O Objected    |

|          |     |              |            |          |          |          | ·         |          | ••••         |          | ••           |                |               |    |          |             |          |           |          |           |           |           |                |               |              |           |    |          |            |              |          |          | _            | _  |          |              |              |          | _        |
|----------|-----|--------------|------------|----------|----------|----------|-----------|----------|--------------|----------|--------------|----------------|---------------|----|----------|-------------|----------|-----------|----------|-----------|-----------|-----------|----------------|---------------|--------------|-----------|----|----------|------------|--------------|----------|----------|--------------|----|----------|--------------|--------------|----------|----------|
| Cla      | lm  | <u></u>      | <u>a</u>   | ブ        | Date     |          |           |          |              |          |              |                |               |    | Cla      | aim Date    |          |           |          |           |           |           |                |               |              | Cla       | lm | Date     |            |              |          |          |              |    |          |              |              |          |          |
| Final    |     | 72           | 7          | 12910    | •        |          |           |          |              | ĺ        | ĺ            |                |               |    | Final    | Original    | -        |           |          |           |           |           |                |               |              |           |    | Final    | Origin.(   | Ì            | ĺ        | -        |              |    |          |              |              |          |          |
| Ė        | 1   | W            |            | _        |          |          |           | #        | #            | #        |              |                | 4             |    |          | 51<br>52    | 1        | 7         | 7        | 4         | 4         | 7         | $\dashv$       |               | 4            | 4         |    | П        | 101<br>102 | $\mp$        | 4        | _        | -            |    | _        | $\exists$    | -            | +        | $\dashv$ |
| -        | 1   | 4            | 7          | 4        |          | ⊢        | ┞         | ╀        | +            | +        | $\dashv$     | ┥              | $\dashv$      |    | $\vdash$ | 53          | +        | ╅         | +        | +         | -         | ┪         |                | +             | $\dashv$     | -         |    | Н        | 103        | $^{\dagger}$ | †        | 7        |              |    |          | $\neg$       | 1            | 1        | _        |
| H        | H   | H            | +          | -        | _        | ┢        | ┝         | +        | +            | +        | ┪            | -              | J             |    | E        | 54          |          | $\exists$ |          | ╛         |           | 口         |                | $\Box$        | $\exists$    |           |    |          | 104        | 1            | 1        | $\Box$   |              |    |          |              | 4            | 1        | $\Box$   |
|          | ı   | 1            |            |          |          |          |           | Ţ        | 1            | $\Box$   | $\Box$       |                | _             |    | $\vdash$ | 55          | 4        | 4         | -        | 4         |           | 4         | -              | $\dashv$      | -            | _         |    | $\vdash$ | 105<br>106 | 1            | 4        | 4        |              | _  | _        | -            | -            | +        | ┥        |
| #        | H   | 4            | 4          | _        | _        | <u> </u> | L         | ╬        | +            | $\dashv$ | -            | $\dashv$       | $\dashv$      |    | $\vdash$ | 56<br>57    | -        | +         | $\dashv$ | ┥         | $\dashv$  | $\dashv$  | $\dashv$       | $\dashv$      | $\dashv$     | _         | ı  | -        | 107        | ╁            | +        | ᅥ        |              | _  | -        | Н            | 1            | +        | ┪        |
| -        | Ν   | 4            | +          |          |          | ┝        | $\vdash$  | ╁        | +            | +        | ┪            | ᅦ              | $\dashv$      |    | <b> </b> | 58          | 7        | 1         | 1        | $\exists$ |           |           |                |               |              |           |    |          | 108        | 1            | 1        |          |              |    |          |              |              | $\Box$   |          |
| ŧ-       | H   | 1            | 1          |          |          | T        | T         | t        | İ            |          |              |                |               |    |          | 59          |          |           |          |           |           |           |                |               |              |           |    |          | 109        | _            | 4        |          | 4            |    | _        | Щ            |              | 4        |          |
|          | 1   | 0            |            |          |          |          |           | Ţ        | $\downarrow$ | $\dashv$ |              | $\perp$        |               |    | $\vdash$ | 60<br>61    | 4        | 4         | _        | Ц         |           | Н         | _              | $\vdash$      | -            | _         | ł  | $\vdash$ | 110        | ╀            | +        | $\dashv$ |              | _  |          | -            | Н            |          | ᅥ        |
| <u>_</u> | ļ   | 1            | 4          |          | _        | ┞        | ┞         | +        | 4            | -        | _            | _              | -             |    | $\vdash$ | 62          | ┥        | $\dashv$  | -        | -         |           | H         | -              | H             | -            | _         | 1  | $\vdash$ | 112        | t            | +        | ┪        |              | H  | -        | H            |              | ┪        | ᅥ        |
| $\vdash$ | d   | 3            | $\dashv$   | _        | _        | ╁        | ╁         | ╁        | +            | -        | -            | Н              | Н             |    | -        | 63          | 7        | _         |          | Н         | -         | $\vdash$  |                | П             |              | _         | 1  |          | 113        | 1            | 1        |          |              |    |          |              |              |          | $\Box$   |
| -        | 1   | 1            | 7          |          |          |          | T         | 1        |              |          |              |                |               | l  |          | 64          |          |           |          |           |           |           |                |               |              |           | ]  |          | 114        | 7            | 1        | _        | _            |    | <u> </u> | L            | Ц            | _        | _        |
|          |     | 5            | $\Box$     |          |          |          | L         | 1        | $\Box$       |          |              |                |               |    | ļ        | 65<br>66    | $\sqcup$ |           | _        | _         | _         | -         | ŀ              | -             |              | -         | 1  | -        | 115<br>116 | +            | $\dashv$ |          | _            | -  | ┝        | ┝            | H            | $\dashv$ | $\dashv$ |
| -        |     | β]<br>7]     | 4          |          | <u> </u> | ╀        | ╀         | +        | 4            | -        | H            | _              | ┝             |    | $\vdash$ | 67          | ᅴ        | -         |          | H         | ┝         | ŀ         | -              |               | -            | ┝         | 1  | $\vdash$ | 117        | +            | +        | $\dashv$ | _            | -  | -        | -            | -            |          | ┪        |
| $\vdash$ |     | <del> </del> | -          | _        | ┝        | $\vdash$ | ╁         | +        | ┪            |          | -            | -              | Н             | 1  | H        | 68          | Н        |           |          |           |           |           |                |               |              | L         | 1  |          | 118        | 1            | 1        |          |              |    |          |              |              |          |          |
| $\vdash$ | Ħ   | 9            |            |          | T        | t        | T         | †        |              |          |              |                |               | 1  |          | 69          |          |           |          |           |           |           |                |               |              |           | ]  |          | 119        | 4            | 4        | _        |              | ╄  | L        | ┞            | _            | Ц        |          |
| Г        | 1   | ρ            |            |          |          |          | I         | I        |              |          |              |                | L             | ]  | L        | 70          |          |           | L.       | L         | <u> </u>  | L         | _              | L             | L            | L         | -  | ⊢        | 120        | 4            | 4        | _        |              | Ļ  | L        | ├-           |              | Н        |          |
|          | 2   | U            |            |          |          | 1        | Ļ         | 4        | _            |          | L            | L              | -             | ł  | $\vdash$ | 71<br>72    | H        | -         | ┞        | ┞         | ┞         | -         | <del> </del>   | ╀             | ┞            | ╀         | ┨  | -        | 121        | +            | -        |          | -            | ├- | ╁        | ╀            | ├            | $\vdash$ | Н        |
| $\vdash$ | 18  | P            |            | -        | H        | ╀        | ╀         | +        | -            |          | -            | ┝              | H             | ┨  | -        | 73          | -        | -         | ┝        | -         | ┢         | -         | ┢              | ╁╌            | H            | ╀         | 1  | -        | 123        | +            | ٦        |          |              |    |          | <del>-</del> | <del> </del> |          |          |
| -        | 12  | H            | _          | -        | ╁        | +        | ╁         | +        | ┪            |          | ┢            | -              | ┢             | 1  | F        | 74          | $\vdash$ | $\vdash$  | _        | T         | 一         | İ_        |                |               |              | Ĺ         | ]  |          | 124        | 耳            |          |          |              | 1  | Γ        |              |              |          |          |
| 3        | ľ   | 5            | ٧          | ٧,       | Ł        | 1        | I         |          |              |          |              |                |               | ]  |          | 75          |          |           |          | L         | _         | $\Box$    | Ļ              | $oxed{oxed}$  | 上            | ╀         | ]  | <u> </u> | 125        | 4            | _        | ļ        | L            | +  | Ļ        | ╀            | -            | ┝        | -        |
|          |     | 6            | V          | ۲        |          | 1-       | 1         | 4        | _            | _        | <u> </u>     | L              | <u> </u>      | ļ  | -        | 76<br>77    | ļ_       | ┞         | -        | -         | <u> </u>  | ╀         | ┞              |               | -            | +         | 4  | $\vdash$ | 126        | +            | -        | ┝        | ⊢            | ╁  | +        | ╁            | ╁            | ┢        | $\vdash$ |
| -        | _   | ?7<br>!8     | J          | V        | ╁        | 十        | +         | +        | -            | <u> </u> | ├            | ┝              | ╁             | ł  | $\vdash$ | 78          | -        | $\vdash$  | H        | ╁         | ╁╴        | ╁┈        | ╁              | t             | H            | t         | j  | T        | 128        | 7            |          | _        |              | İ  |          | Ĺ            | İ            |          | 匚        |
| ₽        |     | 9            | Ž          | Ė        | +        | +-       | $\dagger$ | +        |              | <u> </u> | H            |                | T             | 1  |          | 79          | 匸        | 1         |          |           |           |           |                |               |              | L         | ]  |          | 129        |              |          |          |              | Ţ  | L        | I            | L            |          | L        |
| 七        |     | 30           | 0          | E        | I        |          |           |          |              |          |              |                |               | ]  |          | 80          | L        | _         | $\Box$   | L         |           | L         | L              | ↓_            | L            | 1         | -  | L        | 130        | -            |          | -        | ┞            | +- | ╀        | ╀            | ╀            | ┞-       | ļ        |
| 1        | _   | 31           | Y          | <u> </u> | 1        | $\bot$   | +         | 4        | _            | Ļ.       | ┡            | ╀              | ╀             | -  | -        | 81          | H        | ┞         | ┞        | ╀         | ╀         | -         | ╁              | ┝             | ┢            | ╀         | ┨  | -        | 131        | ┪            |          | -        | ╁            | ╁  | ╁        | +            | ╂            | ╁        | ┝        |
| ŀ        |     | 32<br>33     | 1          | 1        | 1        | ╁        | ╁         | -        | _            | ⊢        | ╁            | ╁              | ┼-            | 1  | $\vdash$ | 83          |          | ╁╴        | ╁        | $\vdash$  | +         | ╁╌        | t              | T             | İ            | $\dagger$ | 1  | F        | 133        | 7            | _        |          | Τ            | İ  |          | İ            | 士            | Ĺ        | Ĺ        |
| +        | _1- | 34           | Ī          | 杧        | 扌        | +        | †         | 1        |              |          | 上            | T              |               | 1  | Ĺ        | 84          |          |           |          | L         |           |           | $\Box$         |               |              | Ι.        | ]  |          | 134        | $\Box$       | _        | $\Box$   | Ļ            | 丰  | Ļ        | 1            | Ţ            | 1        | L        |
|          |     | 35           | 1          | į        | 1        | Ţ        | I         | 1        |              |          | F            | Γ              | L             | 1  |          | 85          |          | <u> </u>  | 1        | ╁-        | ╀         | ╀         | +              | +             | <del> </del> | +         | -  | $\vdash$ | 135<br>136 | 긕            |          | <u> </u> | 1            |    | !        | 4            | <u>.</u>     |          |          |
| 4        | _   | 36.<br>37    | H          | E        | 1        | +        | +         | $\dashv$ | _            | -        | ╀            | ╁              | ╁             | ┨  | ⊢        | 87          | 1        | ├         | ╁        | ╁         | ╁╴        | ╁         | ╁              | ┼             | +            |           | ∹  | -        | 137        |              | _        | +        | •            |    |          | -            |              |          | _        |
| 下        |     | 3 <i>0</i>   | 9          | E        | +        | ┿        | +         | $\dashv$ | $\vdash$     | $\vdash$ | +-           | +              | ╁             | 1  | $\vdash$ | 88          | _        | ۲         | +        | +         | $\dagger$ | $\dagger$ | <del> </del> - | ÷             |              |           | _  | _        | 138        |              | _        |          |              |    |          |              |              | _        |          |
| F        |     | 39           | F          | 1        | F        | J        | Ť         |          |              |          | İ            | I              |               | 1  |          | . 86        |          | Ĺ         | T        | 1         | I         | I         | I              | !             | •            |           | _  | _        | 139        |              |          |          |              |    |          |              |              |          |          |
| E        | _1  | 40           | 2          | É        | T        | T        | Ţ         |          |              |          | L            | L              | L             | 1  |          | ,90         | <u> </u> |           | -        | 1_        | +         | 1         |                |               |              |           | _  | _        | 140        |              |          |          |              |    |          |              |              |          |          |
| _        | -1  | 41           | 0          | 上        | 1        | _        | 4         |          | _            |          | $\downarrow$ | $\perp$        | ╀             | 4  | F        | 91          |          | !         | 1        | 1         | L         | ٠.        |                |               |              |           | _  |          | 141        |              | _        |          |              |    |          |              |              |          | !        |
| -        |     | 42<br>43     | <u> </u> - | ╀        | +        | +        | +         |          | <u> </u>     | -        | ╀            | <u> </u>       | +             | 1  | ŀ        | 192         |          |           |          |           | <u></u>   |           |                |               |              |           |    | _        | 142        |              |          |          |              |    |          |              |              |          |          |
| H        | +   | 43           | +          | +        | +        | +        | +         | _        | -            | ÷        | +            | <del>!</del> - | +             | -  | -        | 9.          |          |           |          |           |           |           | _              |               |              | _         | _  | _        | ٠.۵.:      |              | _        |          |              |    | _        |              |              |          |          |
| T        | 1   | 45           |            | İ        | İ        | 1        | i         |          |              | İ        | 1            |                | <del>- </del> | _  | -        | 9:          |          |           |          |           |           |           |                |               |              |           | _  | _        | 145        |              |          |          |              |    |          |              |              |          |          |
| Ę        | 1   | 46           | Ĺ          | I        | 1        | T        | 1         | _        | Ļ            | 1        | -            | +              | +             | ٦. | -        | 90          | _        |           |          |           |           |           |                |               |              |           |    | _        | 147        | _            | _        |          | _            |    |          |              |              |          |          |
| -        | _   | 47<br>48     | ╀          | ╀        | +        | +        | 4         |          | ├-           | ╂-       | ╀            | ╀              | +             | 4  | H        | - 191<br>91 |          | +         | +        | +-        | +         | <u></u>   | ÷              | <del></del> - |              | ÷         | _  | <u>:</u> | 146        | <del></del>  | -        |          | <del>.</del> |    |          | :            | · · · ·      | Т        | -        |
| -        | -   | 49           |            | +        | ÷        | +        | i         | _        | <u>:</u>     | :<br>T   |              | ÷              | <u>:</u>      |    | -        | 9           |          |           |          |           |           |           | _              |               |              |           | _  | -        | • 1        | _            |          |          |              |    |          |              | _            |          |          |
| Ļ        | ┥   | 50           |            |          |          |          |           |          | <u>:</u>     | ÷        | •            |                | •             | -  | -        | 10          |          |           |          |           |           |           |                |               |              |           | -  | _        | • 5        |              |          |          |              | _  |          |              |              |          |          |

If more than 150 claims or 10 actions staple additional sheet here

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